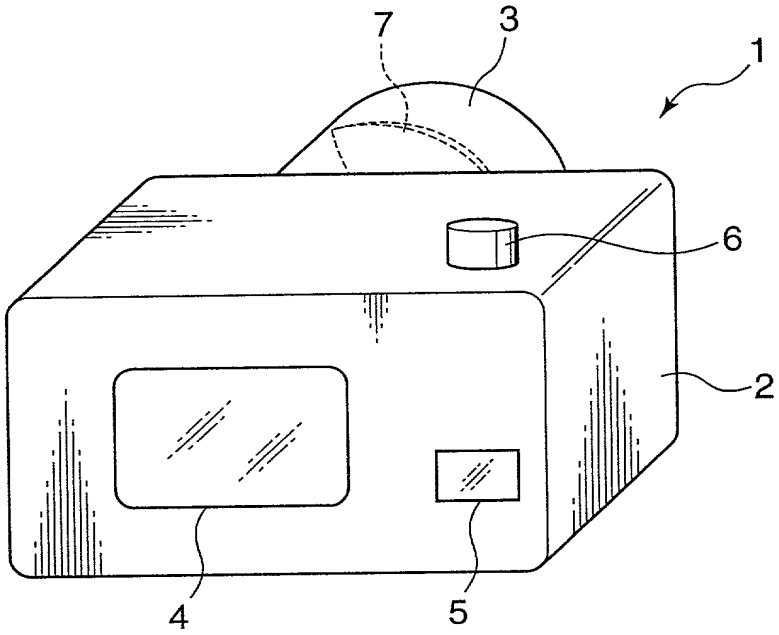
FIG. 1



Docket Alarm

FIG. 2

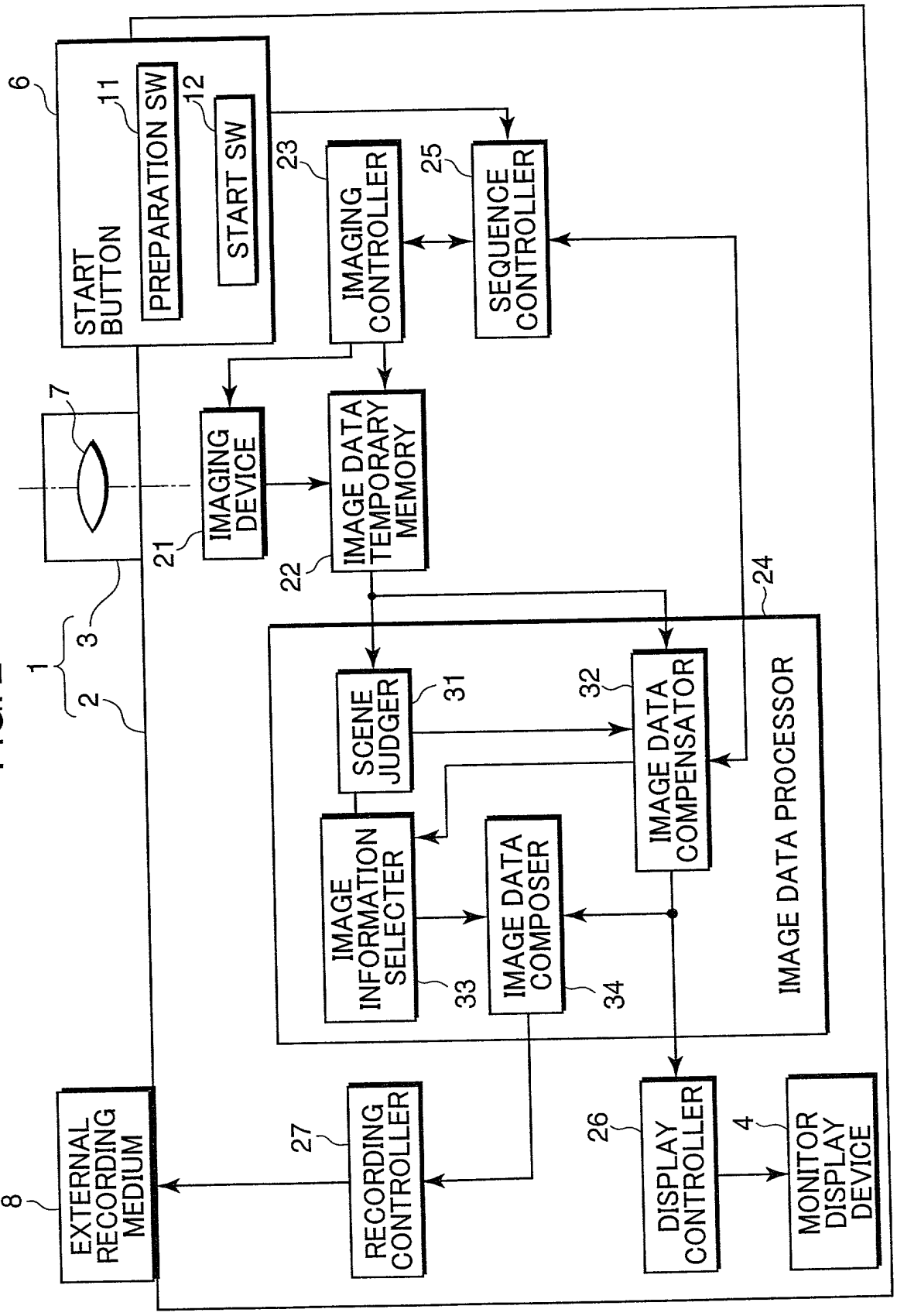

6
START BUTTON
11
PREPARATION SW
12
START SW
23
IMAGING CONTROLLER
25
SEQUENCE CONTROLLER
7
1
3
2
IMAGING DEVICE
21
IMAGE DATA TEMPORARY MEMORY
22
24
SCENE JUDGER
31
32
IMAGE DATA COMPENSATOR
IMAGE INFORMATION SELECTER
33
IMAGE DATA COMPOSER
34
IMAGE DATA PROCESSOR
8
EXTERNAL RECORDING MEDIUM
27
RECORDING CONTROLLER
26
DISPLAY CONTROLLER
4
MONITOR DISPLAY DEVICE

FIG. 3

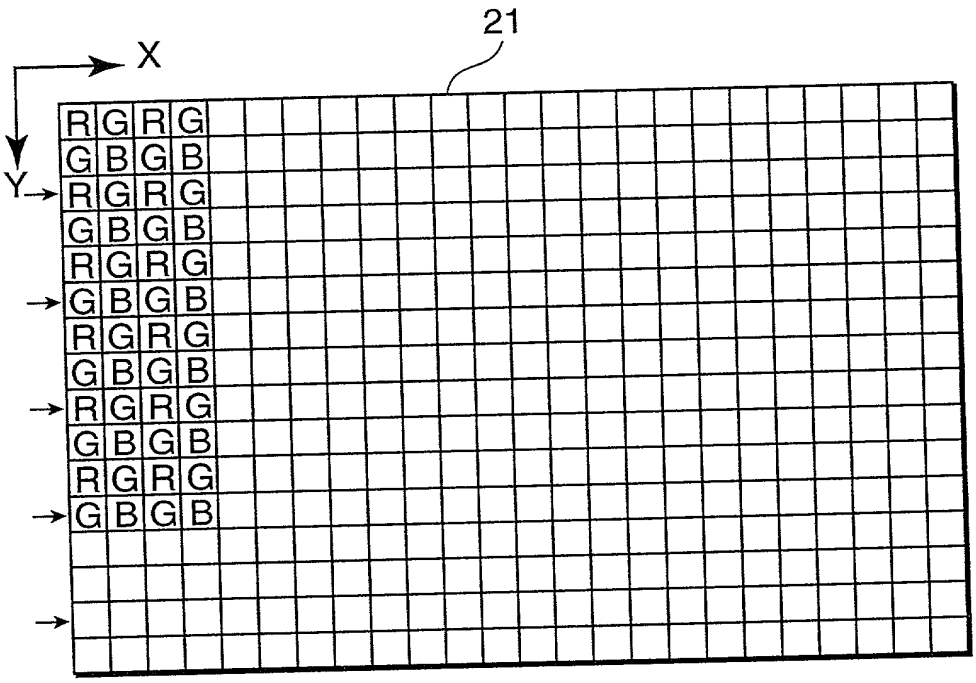

21
X
Y
R G R G
G B G B
R G R G
G B G B
R G R G
G B G B
R G R G
G B G B
R G R G
G B G B
R G R G
G B G B

FIG. 4

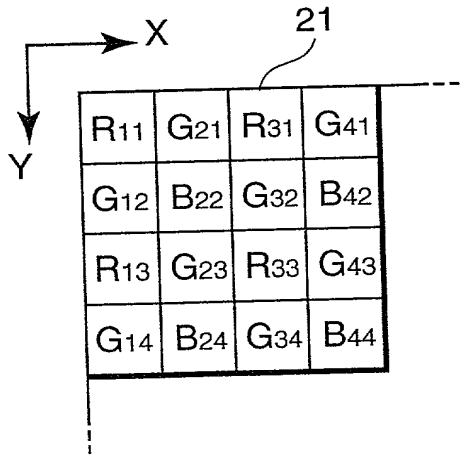

21
X
Y
R11 G21 R31 G41
G12 B22 G32 B42
R13 G23 R33 G43
G14 B24 G34 B44

FIG. 5

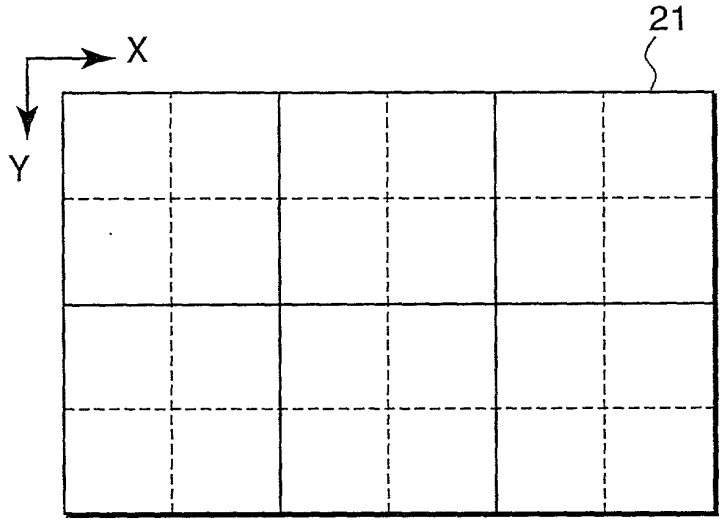
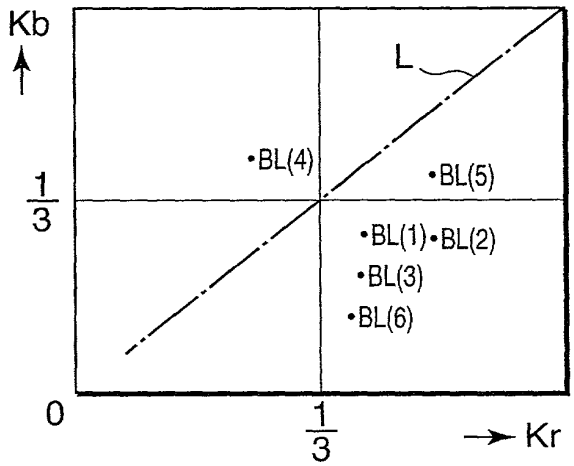


FIG. 6



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IPR2020-01276

FIG. 7

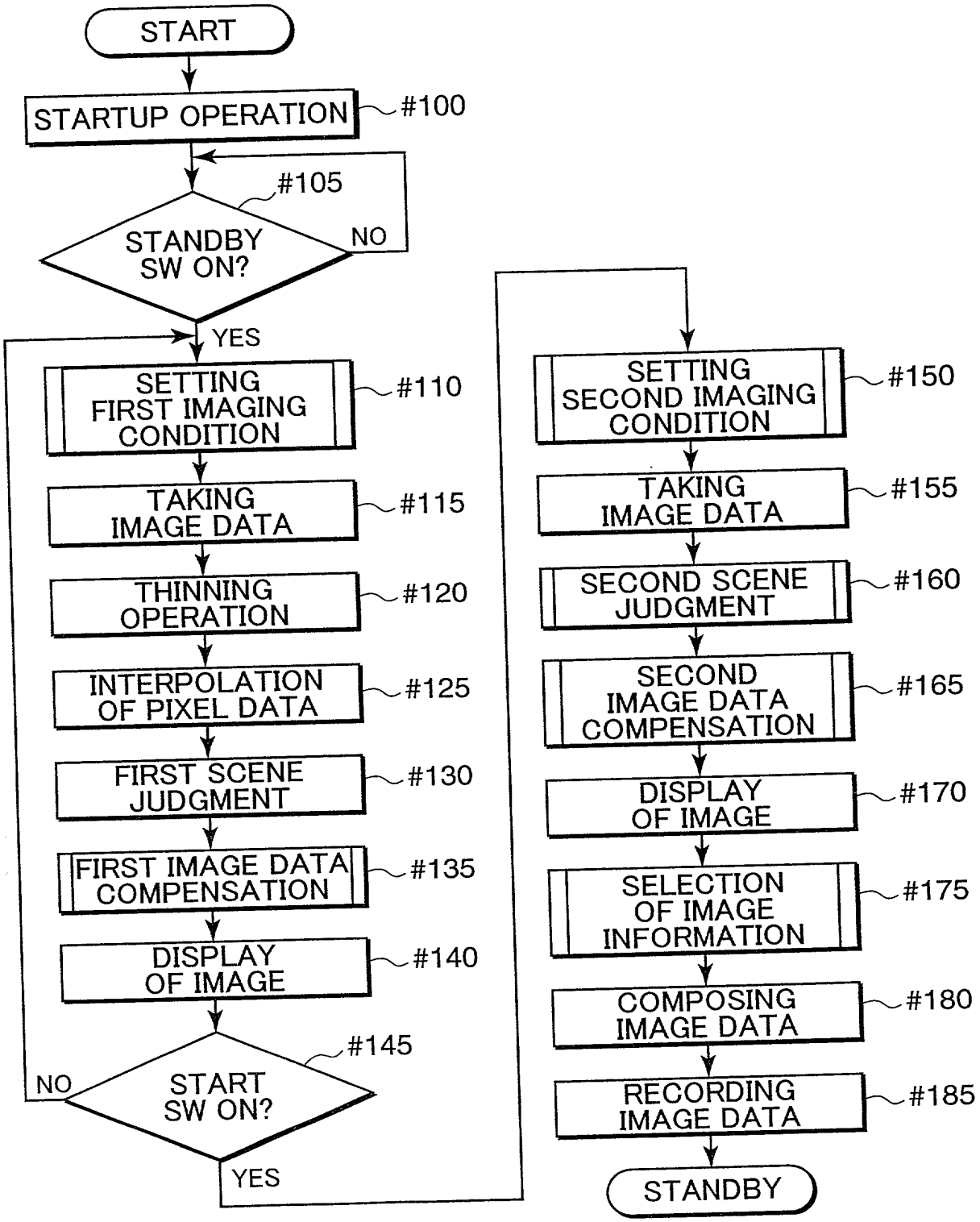

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FIG. 8

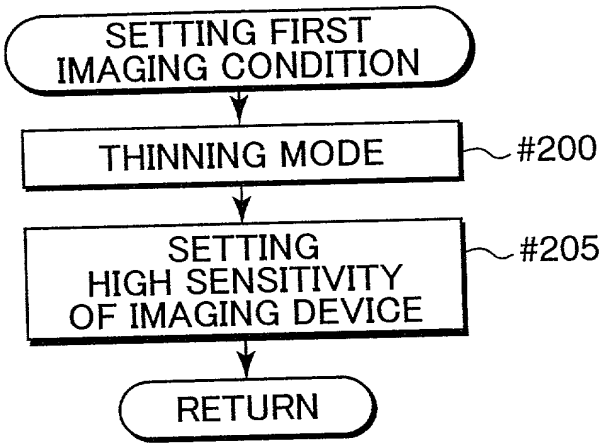

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FIG. 9

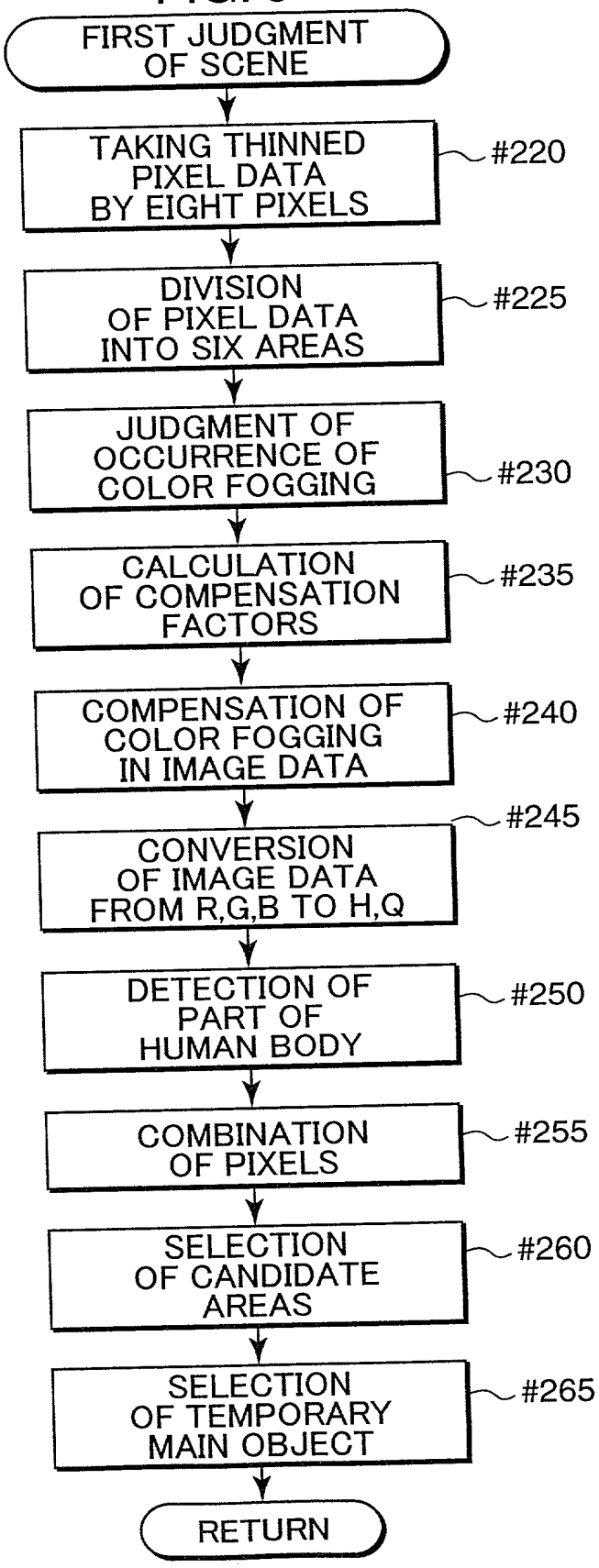

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FIG. 10

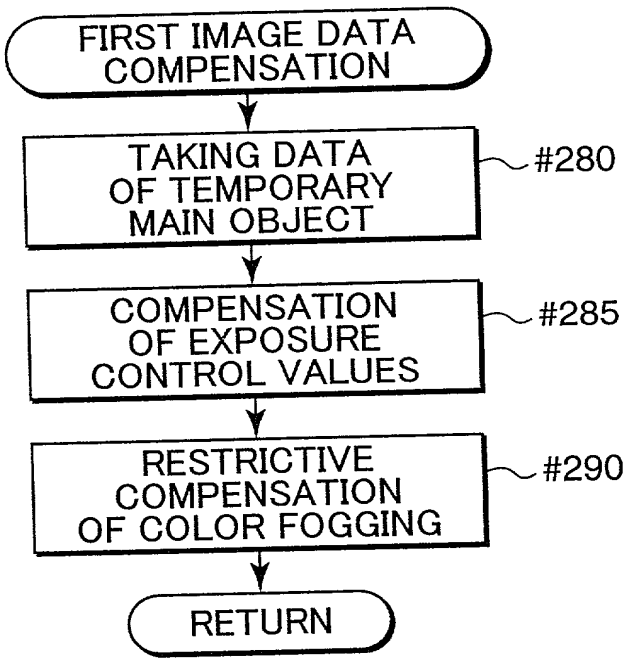
FIRST IMAGE DATA COMPENSATION
TAKING DATA OF TEMPORARY MAIN OBJECT
#280
COMPENSATION OF EXPOSURE CONTROL VALUES
#285
RESTRICTIVE COMPENSATION OF COLOR FOGGING
#290
RETURN

FIG. 11

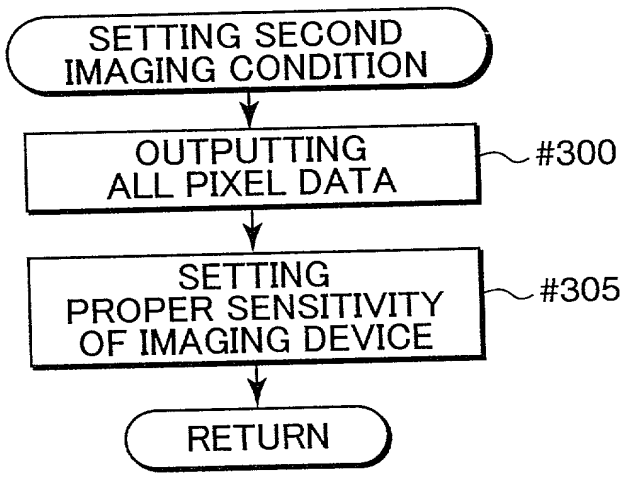
SETTING SECOND IMAGING CONDITION
OUTPUTTING ALL PIXEL DATA
#300
SETTING PROPER SENSITIVITY OF IMAGING DEVICE
#305
RETURN

FIG. 12

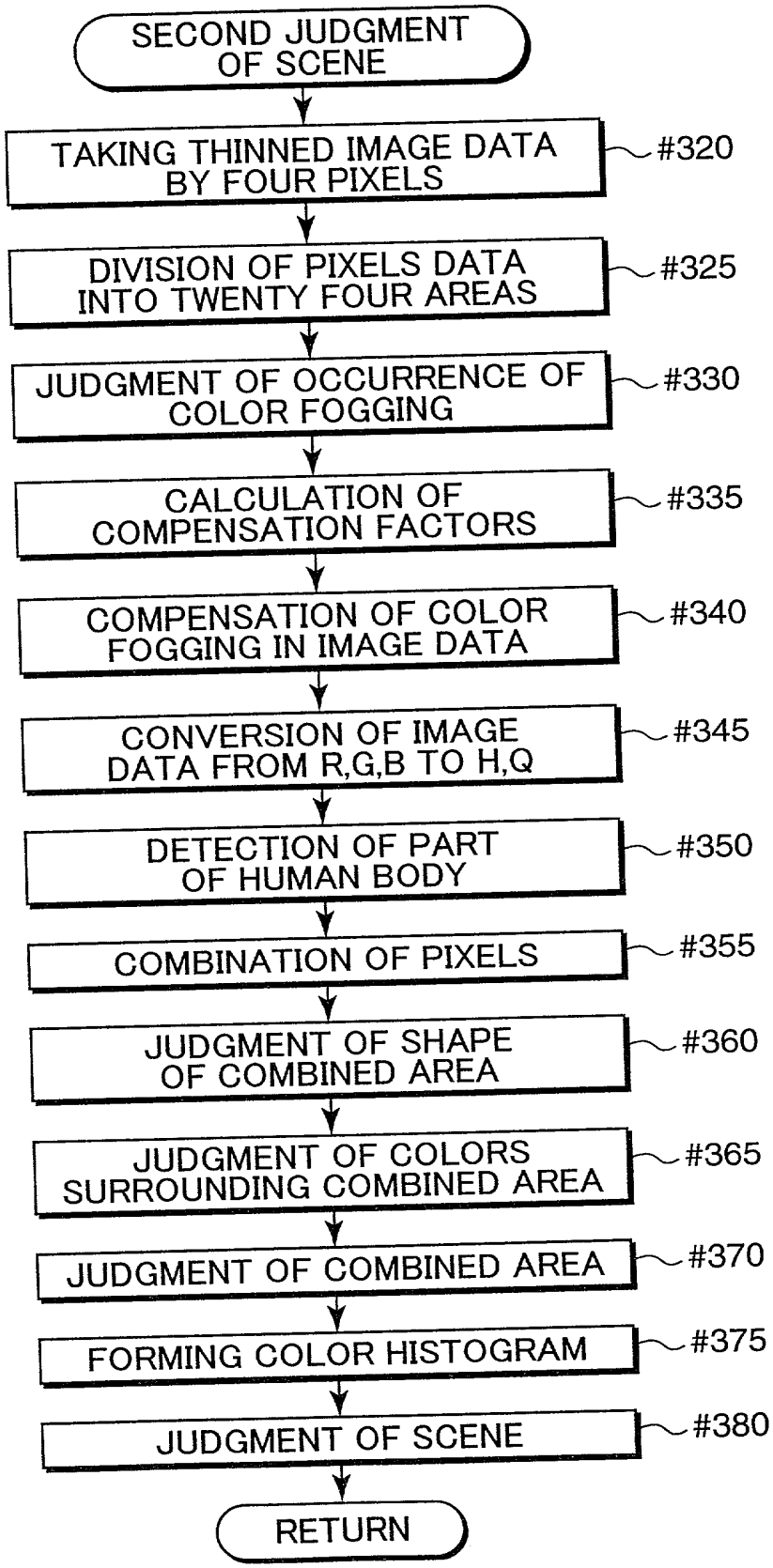

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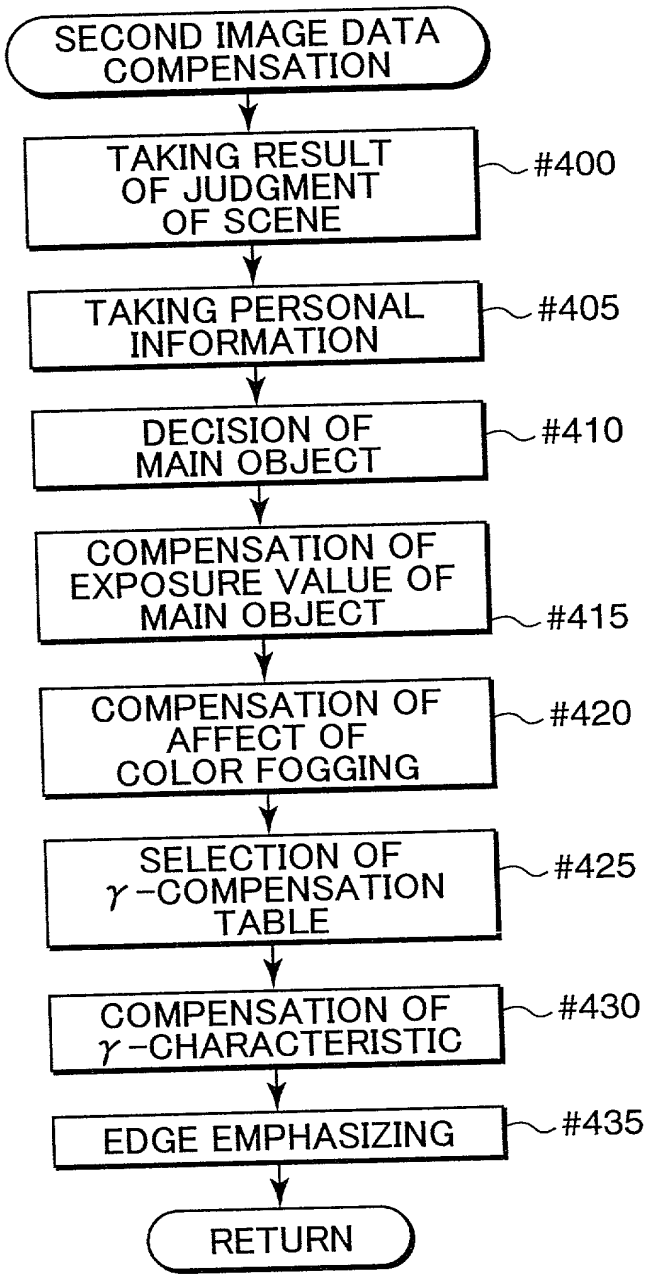
FIG. 13



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1005454.0126.0

FIG. 14A

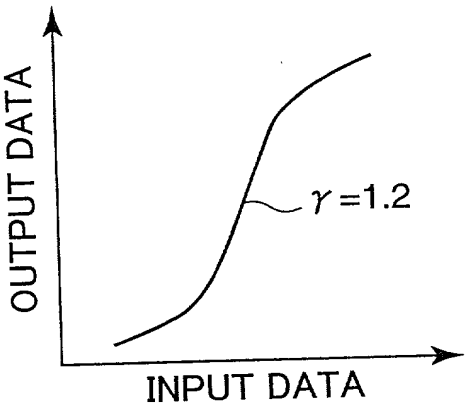

FIG. 14B

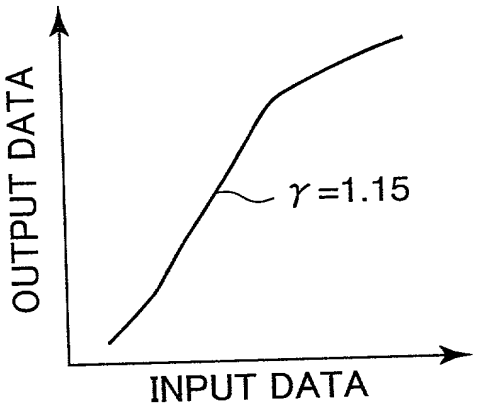

FIG. 14C

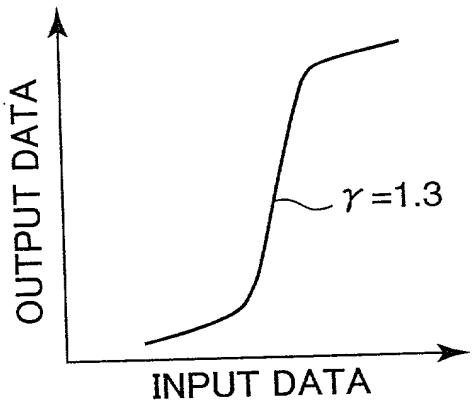

FIG. 14D

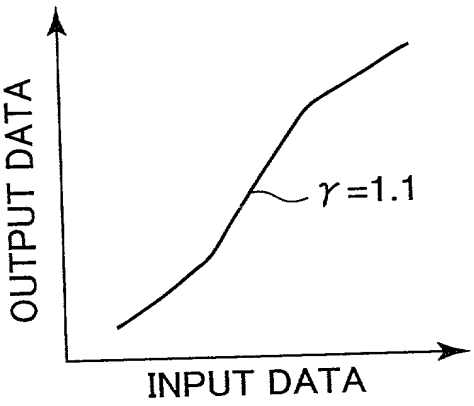

FIG. 15A

0	-1	0
-1	5	-1
0	-1	0

FIG. 15B

0	-0.3	0
-0.3	2.2	-0.3
0	-0.3	0

FIG. 15C

0	-0.2	0
-0.2	1.8	-0.2
0	-0.2	0

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FIG. 16

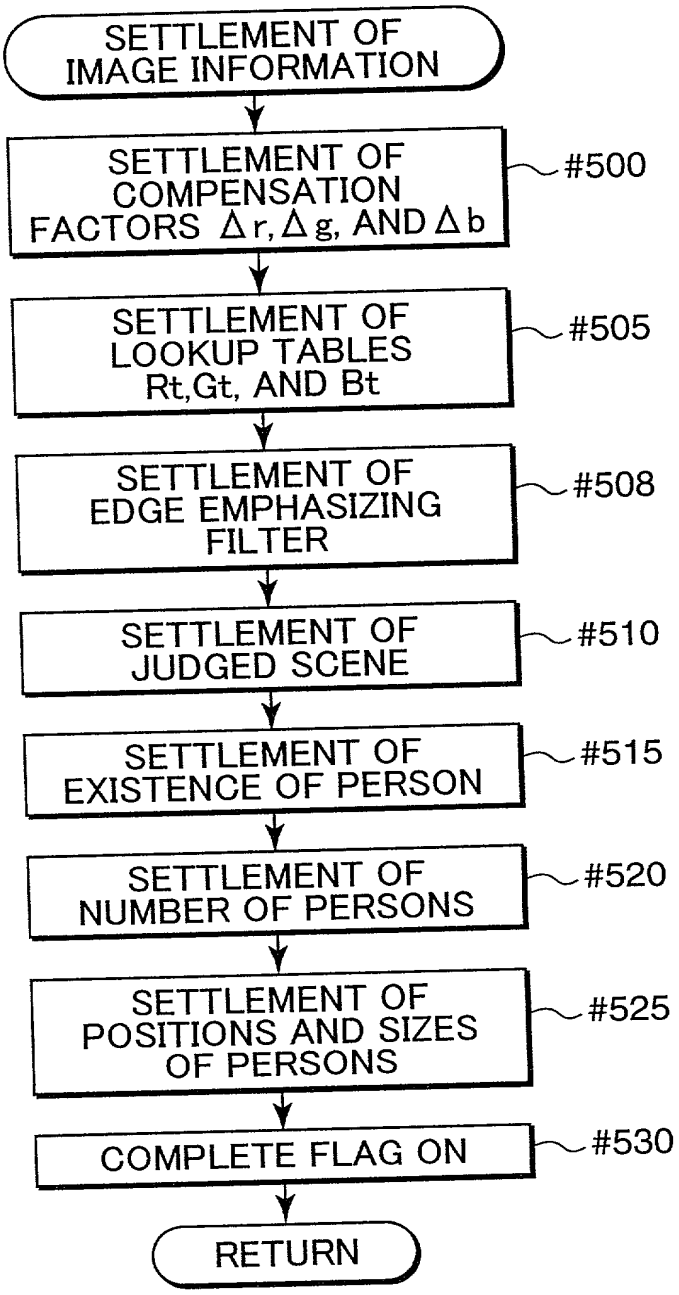

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FIG. 17

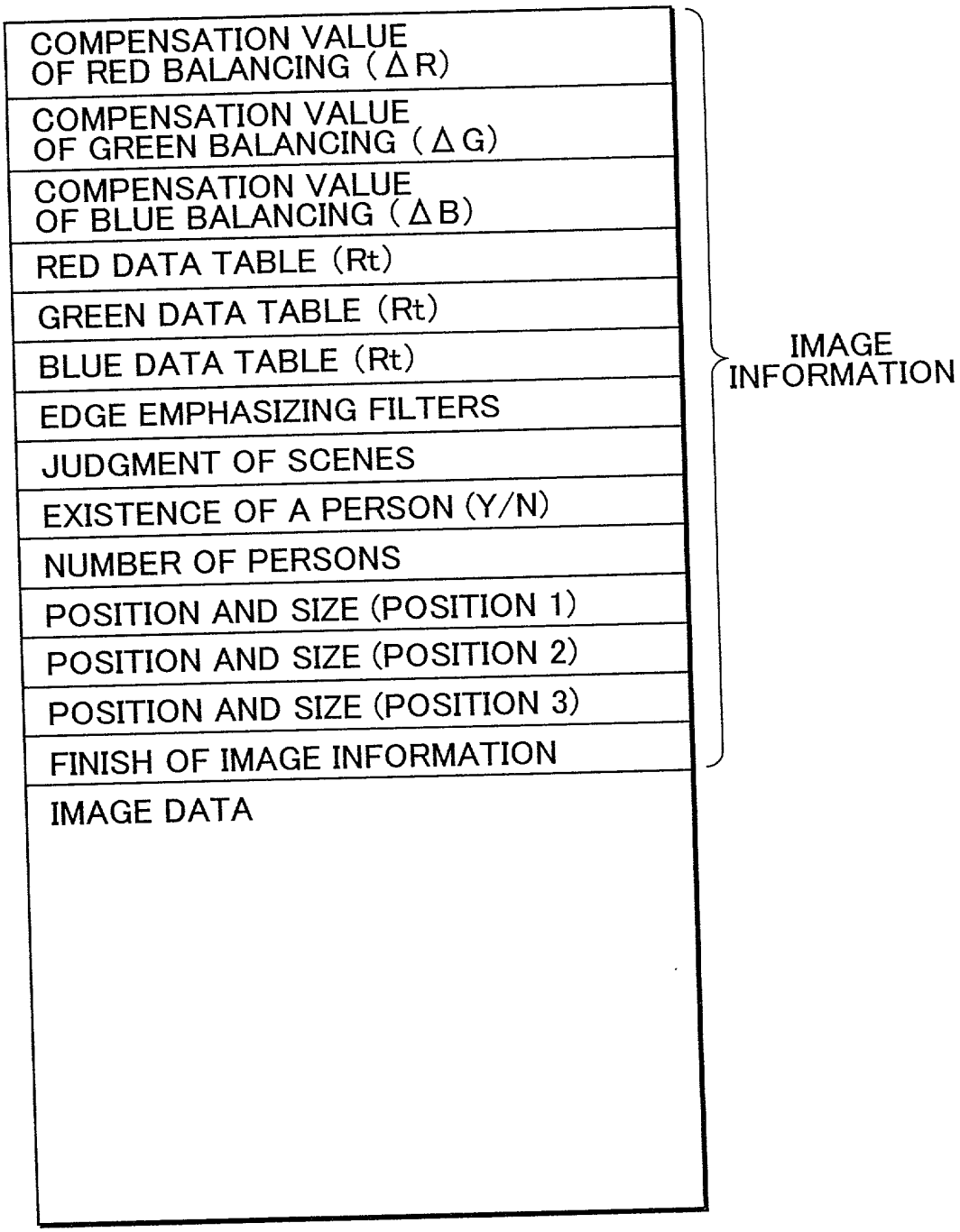

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FIG. 18

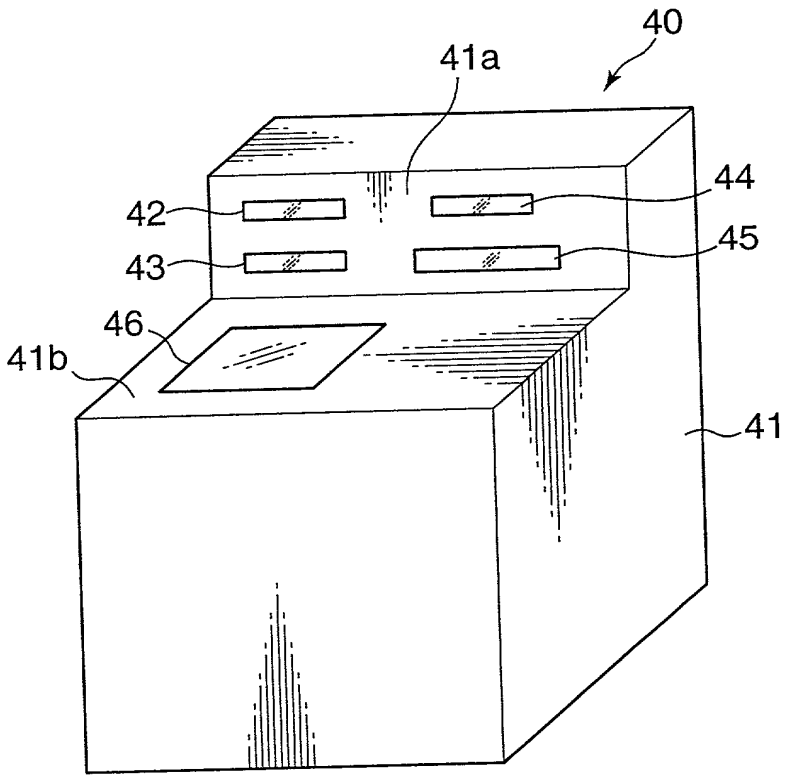

FIG. 19

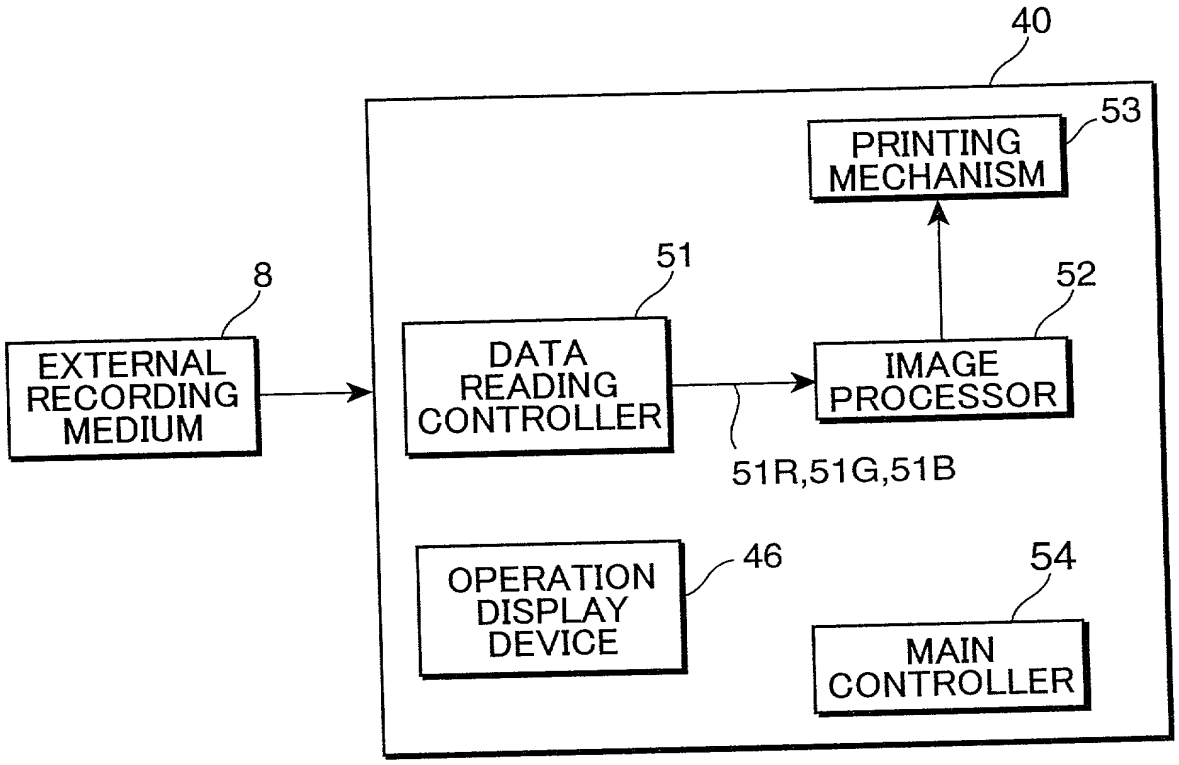

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FIG. 20

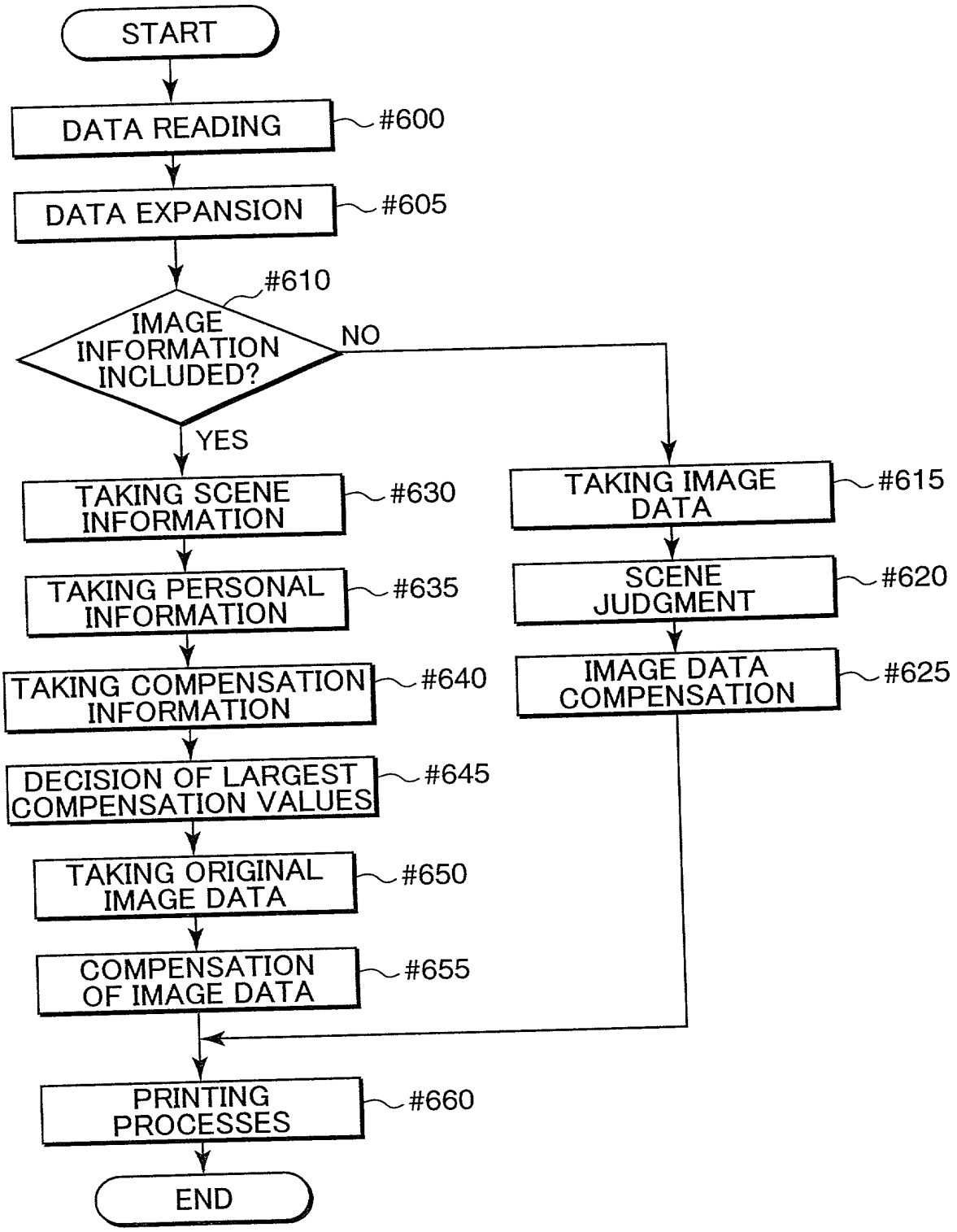

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FIG. 21

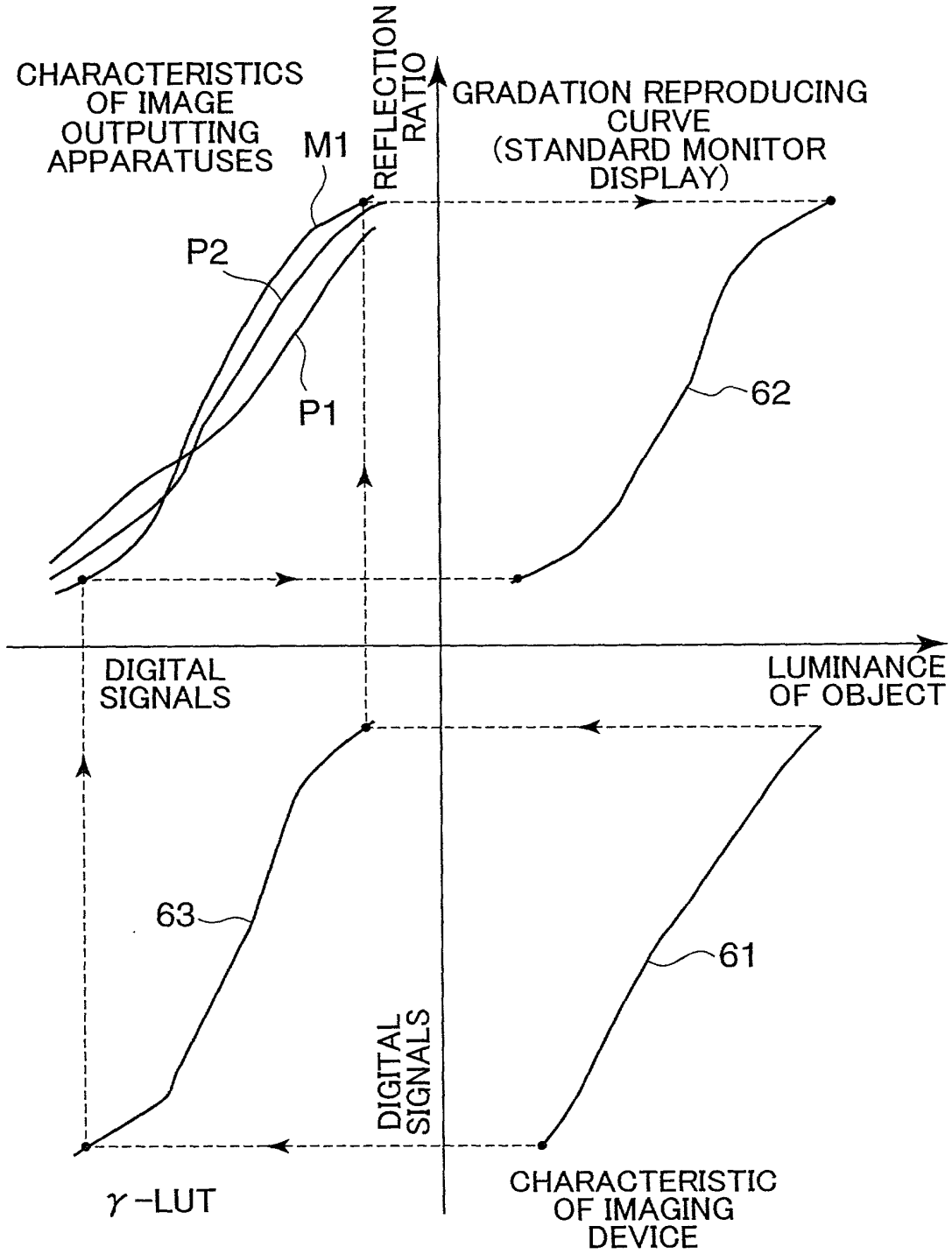

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FIG.22

TABLE 1

JUDGMENT OF SCENE			JUDGING METHOD	
SCENES		CONTENTS	PERSON	COLOR HISTOGRAM
S1	SNAPSHOT	NORMAL SCENE (EXCEPT THE FOLLOWINGS)	-	-
S2	PORTRAIT	LARGE FACE PORTION	YES (LARGE)	NO COLOR FOGGING
S3	COMMEMORATION	PERSONS IN FRONT OF SPECIFIC STRUCTURE	YES (MIDDLE OR SMALL)	NO COLOR FOGGING
S4	LANDSCAPE	NO PERSON AND FAR LANDSCAPE	NO	NO SPECIFIC COLOR FOGGING
S5	TWILIGHT VIEW	ROSY TWIGHIGHT SCENE AND PERSONS THEREIN	-	PARTIALLY ROSY
S6	NIGHT VIEW	LIGHT SOURCES OR ILLUMINATED STRUCTURE IN THE DARK	NO	DARK AND BRIGHT
S7	NIGHT PORTRAIT	PORTRAIT IN THE DARK	YES (MIDDLE OR LARGE)	DARK AND BRIGHT
S8	OCEAN VIEW	SCENE ON THE BEACH WITH LARGE LUMINANCE VARITION	-	PARTIALLY BLUISH
S9	FLUORESCENT LAMP	ROOM SCENE UNDER ILLUMINATION OF FLUORESCENT LAMP	-	BLUE-GREENISH
S10	TUNGSTEN LAMP	SCENE UNDER ILLUMINATION OF TUNGSTEN LAMP	-	ROSY

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FIG. 23

TABLE 2

SCENES		COMPENSATION PROCESSES			
		CONTENTS	COLOR BALANCING	γ (CONTRAST)	EDGE EMPHASIZING
S1	SNAPSHOT	NORMAL PROCESS	NORMAL WHITE BALANCING	1.2	MIDDLE
S2	PORTRAIT	BIASED WHITE BALANCING LOW CONTRAST WEAK EDGE EMPHASIZING	BIASED WHITE BALANCING	1.1	WEAK
S3	COMMEMORATION	BIASED WHITE BALANCING MIDDLE EDGE EMPHASIZING	BIASED WHITE BALANCING	1.2	MIDDLE
S4	LANDSCAPE	NO COLOR BALANCING HIGH CONTRAST	NO WHITE BALANCING	1.3	STRONG
S5	TWILIGHT VIEW	NO COLOR BALANCING MIDDLE EDGE EMPHASIZING	NO WHITE BALANCING	1.2	MIDDLE
S6	NIGHT VIEW	WEAK COLOR BALANCING	WEAK WHITE BALANCING	1.15	MIDDLE
S7	NIGHT PORTRAIT	PROPER EXPOSURE OF FACE WEAK COLOR BALANCING	WEAK WHITE BALANCING	1.15	MIDDLE
S8	OCEAN VIEW	NO COLOR BALANCING HIGH CONTRAST	NO WHITE BALANCING	1.3	STRONG
S9	FLUORESCENT LAMP	COMPENSATION OF COLOR FOGGING DUE TO FLUORESCENT LAMP	NORMAL WHITE BALANCING	1.2	MIDDLE
S10	TUNGSTEN LAMP	WEAK COMPENSATION OF COLOR FOGGING DUE TO TUNGSTEN LAMP	WEAK WHITE BALANCING	1.2	MIDDLE

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